



SEQLIST.TXT  
SEQUENCE LISTING

<110> Griffiths, Steven  
Ritchie, Rachael Jane

<120> Nucleic Acid And Amino Acid Sequences Of  
Infectious Salmon Anaemia Virus And Their Uses As Vaccines

<130> H-32318B

<140> US 10/734,782

<141> 2003-12-12

<150> US 10/049,086

<151> 2002-02-06

<150> PCT/GB00/02976

<151> 2000-08-07

<150> GB 0006674.6

<151> 2000-03-21

<150> GB 0005848.7

<151> 2000-03-11

<150> GB 9918588.6

<151> 1999-08-07

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<210> 1

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<213> Infectious Salmon Anaemia Virus

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<212> PRT

<213> Infectious Salmon Anaemia Virus

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Lys Trp Met Glu Leu Glu Lys Phe Ile Phe Thr Ala Ser Lys Thr Glu
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SEQLIST.TXT

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 Ser Gln Lys Ile Ala Thr Ile Ser Arg Trp Arg Ala Met Arg Leu Asp  
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<213> Infectious Salmon Anaemia Virus

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Ser Asn Ile Lys Ala Asn Thr Thr Lys Pro Lys Lys Asp Ser Thr Tyr
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Glu Thr Ser Gln Ser Asn Thr Asp Arg Ser Trp Gln Val Asn Val Thr
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Asp Ser Phe Gly Gly Leu Ala Val Phe Asn Gln Gly Ala Ile Arg Glu
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545      550      555      560
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 <213> Infectious Salmon Anaemia Virus

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 <213> Infectious Salmon Anaemia Virus

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Page 5

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Phe	Met	Asp	Arg	Phe	Ile	Gly	Ser	Phe	Val	His	Cys	Thr	Pro	Val	Met
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Ile	Trp	Ser	Tyr	Gly	Asn	Leu	Ser	Lys	Lys	Ser	His	His	Lys	Met	Val
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Cys	His	Thr	Cys	Pro	Asp	Glu	Tyr	Lys	Phe	Ser	Asp	Lys	Asp	Glu	Met
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	130					135					140				
Asp	Glu	Leu	Ala	Thr	Val	Val	Thr	Gly	Gly	Phe	Phe	Pro	Val	Gly	Leu
145					150					155				160	
Lys	Gly	Ser	Trp	Gly	Gly	Trp	Tyr	Leu	Lys	Tyr	Val	Arg	Tyr	Ala	Gly
				165					170					175	
Pro	Leu	Ala	Gly	Ser	Ser	Gly	Phe	Ile	Val	Asn	Gln	Arg	Phe	Tyr	Asp
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Arg	Ala	Gln	Asn	Lys	Thr	Gly	Ser	Arg	Val	Val	Ser	Met	Val	Glu	Met
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Asp	Gly	Asp	Gly	Leu	Ser	Phe	Ile	Tyr	Glu	Lys	Pro	Ser	Val	Tyr	His
	210					215					220				
Ser	Asp	Gly	Cys	Thr	Gly	Ser	Ala	Ala	Arg	Phe	Trp	Lys	Arg	Asp	His
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<210> 7  
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 <213> Infectious Salmon Anaemia Virus

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			20					25					30		
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		35				40						45			
Gly	Gly	Ser	Tyr	Leu	Lys	Tyr	Val	Arg	Tyr	Ala	Gly	Pro	Leu	Ala	Gly
	50					55				60					
Ser	Ser	Gly	Phe	Ile	Val	Asn	Gln	Arg	Phe	Tyr	Asp	Arg	Ala	Gln	Asn
65				70					75					80	
Lys	Thr	Gly	Ser	Arg	Val	Val	Ser	Met	Val	Glu	Met	Asp	Gly	Asp	Gly
				85					90				95		
Leu	Ser	Phe	Ile	Tyr	Glu	Lys	Pro	Ser	Val	Tyr	His	Ser	Asp	Gly	Cys
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<400> 8

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      35      40      45
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      50      55      60
Thr Glu Thr Ala Tyr Arg Ser Ser Thr Arg Ser Leu Ala Ser Thr Ile
65      70      75      80
Val Met Gly Ala Leu Gly Gln Gln Arg Gly Ser Gly Asn Gly Ile Thr
      85      90      95
Met Arg Glu Leu Glu Leu Ser Leu Gly Leu Asp Phe Thr Ser Glu Cys
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Asp Trp Leu Lys Thr Cys Tyr Val Asn Lys Asn Phe Val Phe Leu Ser
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Thr Asn Phe Lys Gly Ile Leu Gln Ala Lys Asn Gly Asn Gly Leu Met
      35      40      45
Lys Gln Met Ser Gly Arg Phe Pro Ser Asp Trp Tyr Gln Pro Thr Thr
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Lys Tyr Arg Ile Leu Tyr Ile Gly Thr Asn Asp Cys Thr Glu Gly Pro
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SEQLIST.TXT

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